

Interests include drug addiction, drug tolerance, analgesia, anesthesia, respiratory physiology, and pharmacology of the central nervous system.

These chemicals which have been found to have inactivated or permanently destroy specific portions of the nervous system. Mote's opinion is one such drug. It is used in [redacted] to some extent in the treatment of drug addicts----Miscital is a related compound with effects which suggest a similar action. These compounds are ordinarily introduced by injection, although they would probably be effective if taken as an anorectic. 8-amin quinolines will destroy specific centers of the brain. He suggested investigating compounds which have been tested for anti-malarial activity in order to find more potent compounds which affect specific portions of the nervous system. He mentioned [redacted] in this connection. [redacted] is now writing a monograph on anti-malarial compounds.

If monkeys are dosed with heavy and repeated doses of ethylene oxide they lose the function of their spinal chord, but the normal function is returned after removal from the gas. Accidental human poisonings have indicated a similar effect from ethylene oxide.

██████████ said they have recently received some material called musastine. He was not certain about its chemical composition, but its name from its name and is used as an insecticide or verminicide. The wasn't sure which it is. If 100 micrograms/kg are given and w to a dog it produces muscular spasms of low duration. The spasms begin fairly immediately. This material is being investigated in ██████████ Lab. at the present time. They are also working on methadone. 100 mg of more morphine produces an extended (36 to 48 hrs.) loss of consciousness and reversible paralysis. In monkeys there is no apparent effect from morphine until a couple of hours or so after the drug is given. ██████████ said the ██████████ has worked on some of the clinical aspects of the methadone, but has had some difficulties, so it is not certain whether he will continue this line of investigation. ██████████ has mentioned as another possibility for work on methadone. He said that photo chemical studies would yield results in this field.

In the field of chemicals which produce mental derangement, [REDACTED] doubted that anything would be found superior to ICB. He doubts that medications will prove of much value. He questions the value of amphetamine, amphetamine, [REDACTED] and [REDACTED]. He said that medication in children is generally used to suppress, & that prescription would probably have similar results.

[REDACTED]

[REDACTED] wondered if methyl bromide would be of value in guerrilla type warfare. He pointed out it is an odorless gas and is quite potent. C

[REDACTED] Would be happy to do work for us in his own fields of interest. He is interested primarily in animal work and is not equipped to synthesize organic chemicals. [REDACTED] Presently has contract with [REDACTED]

[REDACTED]

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